```
EEEEEEEEEEEEEEE   DDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD     TTTTTTTTTTTTTTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEEEEEEEEEEE      DDD     DDD         TTT
EEEEEEEEEEEE      DDD     DDD         TTT
EEEEEEEEEEEE      DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEE               DDD     DDD         TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD          TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD          TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD          TTT
```

FILEID**KEYIMMINP

EDT
V04

```
KK      KK  EEEEEEEEEE  YY      YY  IIIIII  MM         MM  MM         MM  IIIIII  NN      NN  PPPPPPPP
KK      KK  EEEEEEEEEE  YY      YY  IIIIII  MM         MM  MM         MM  IIIIII  NN      NN  PPPPPPPP
KK     KK   EE           YY    YY     II    MMMM   MMMM  MMMM   MMMM    II    NN      NN  PP      PP
KK    KK    EE           YY    YY     II    MMMM   MMMM  MMMM   MMMM    II    NN      NN  PP      PP
KK   KK     EE             YY  YY      II    MM MM MM MM  MM MM MM MM   II    NNNN    NN  PP      PP
KK  KK      EE             YY  YY      II    MM  MM  MM   MM  MM  MM    II    NNNN    NN  PP      PP
KKKKKK      EEEEEEE           YY       II    MM         MM  MM         MM    II    NN  NN  NN  PPPPPPPP
KKKKKK      EEEEEEE           YY       II    MM         MM  MM         MM    II    NN  NN  NN  PPPPPPPP
KK  KK      EE               YY       II    MM         MM  MM         MM    II    NN    NNNN  PP
KK   KK     EE               YY       II    MM         MM  MM         MM    II    NN    NNNN  PP
KK    KK    EE               YY       II    MM         MM  MM         MM    II    NN      NN  PP
KK     KK   EEEEEEEEEE       YY     IIIIII  MM         MM  MM         MM  IIIIII  NN      NN  PP
KK      KK  EEEEEEEEEE       YY     IIIIII  MM         MM  MM         MM  IIIIII  NN      NN  PP


LL            IIIIII      SSSSSSSS
LL            IIIIII      SSSSSSSS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II        SSSSSS
LL              II        SSSSSS
LL              II              SS
LL              II              SS
LL              II              SS
LL              II              SS
LLLLLLLLLL    IIIIII      SSSSSSSS
LLLLLLLLLL    IIIIII      SSSSSSSS
```

```
   1    0001  0  %TITLE 'EDT$KEYIMMINP - keypad input'
   2    0002  0  MODULE EDT$KEYIMMINP (                        ! keypad input
   3    0003  0                    IDENT = 'V04-000'           ! File: KEYIMMIMP.BLI Edit: JBS1004
   4    0004  0                    ) =
   5    0005  1  BEGIN
   6    0006  1  !
   7    0007  1  !**************************************************************************
   8    0008  1  !*                                                                        *
   9    0009  1  !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                               *
  10    0010  1  !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                *
  11    0011  1  !*  ALL RIGHTS RESERVED.                                                  *
  12    0012  1  !*                                                                        *
  13    0013  1  !*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
  14    0014  1  !*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE *
  15    0015  1  !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER *
  16    0016  1  !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
  17    0017  1  !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY *
  18    0018  1  !*  TRANSFERRED.                                                          *
  19    0019  1  !*                                                                        *
  20    0020  1  !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE *
  21    0021  1  !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT *
  22    0022  1  !*  CORPORATION.                                                          *
  23    0023  1  !*                                                                        *
  24    0024  1  !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS *
  25    0025  1  !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.               *
  26    0026  1  !*                                                                        *
  27    0027  1  !*                                                                        *
  28    0028  1  !**************************************************************************
  29    0029  1  !
  30    0030  1  !
  31    0031  1  !++
  32    0032  1  !  FACILITY:     EDT -- The DEC Standard Editor
  33    0033  1  !
  34    0034  1  !  ABSTRACT:
  35    0035  1  !
  36    0036  1  !       keypad input
  37    0037  1  !
  38    0038  1  !  ENVIRONMENT:  Runs at any access mode - AST reentrant
  39    0039  1  !
  40    0040  1  !  AUTHOR: Bob Kushlis, CREATION DATE: April 7, 1979
  41    0041  1  !
  42    0042  1  !  MODIFIED BY:
  43    0043  1  !
  44    0044  1  !  1-001 - Original. DJS 24-Feb-1981.  This module was created by
  45    0045  1  !          extracting routine IMMEDIATE_INPUT from module KEYTRAN.
  46    0046  1  !  1-002 - Regularize headers.  JBS 10-Mar-1981
  47    0047  1  !  1-003 - Add another parameter to pass to TI_RDCMDLN. STS 21-Oct-1981
  48    0048  1  !  1-004 - Improve the appearance of the listing.  JBS 14-Jun-1983
  49    0049  1  !--
  50    0050  1
```

```
   52     0051   1  %SBTTL 'Declarations'
   53     0052   1  !
   54     0053   1  ! TABLE OF CONTENTS:
   55     0054   1  !
   56     0055   1
   57     0056   1  REQUIRE 'EDTSRC:TRAROUNAM';
   58     0495   1
   59     0496   1  FORWARD ROUTINE
   60     0497   1      EDT$$KPAD_INP;
   61     0498   1
   62     0499   1  !
   63     0500   1  ! INCLUDE FILES:
   64     0501   1  !
   65     0502   1
   66     0503   1  REQUIRE 'EDTSRC:EDTREQ';
   67     0638   1
   68     0639   1  !
   69     0640   1  ! MACROS:
   70     0641   1  !
   71     0642   1  !     NONE
   72     0643   1  !
   73     0644   1  ! EQUATED SYMBOLS:
   74     0645   1  !
   75     0646   1  !     NONE
   76     0647   1  !
   77     0648   1  ! OWN STORAGE:
   78     0649   1  !
   79     0650   1  !     NONE
   80     0651   1  !
   31     0652   1  ! EXTERNAL REFERENCES:
   82     0653   1  !
   83     0654   1  !     In the routine
```

EDT$KEYIMMINP   EDT$KEYIMMINP - keypad input   H 9   VAX-11 Bliss-32 V4.0-742   Page 3
V04-000   EDT$$KPAD_INP - keypad input   16-Sep-1984 00:44:28   VAX-11 Bliss-32 V4.0-742   (3)
                                                                       14-Sep-1984 12:23:23   [EDT.SRC]KEYIMMINP.BLI;1

```
    85      0655  1  %SBTTL 'EDT$$KPAD_INP  - keypad input'
    86      0656  1
    87      0657  1  GLOBAL ROUTINE EDT$$KPAD_INP (                              ! keypad input
    88      0658  1      C,                                                      ! Parameter to EDT$$TI_RDCMDLN
    89      0659  1      TERM,                                                   ! Parameter to EDT$$TI_RDCMDLN
    90      0660  1      RES_TERM                                                ! parameter from EDT$$TI_RDCMDLN
    91      0661  1      ) =
    92      0662  1
    93      0663  1  !++
    94      0664  1  ! FUNCTIONAL DESCRIPTION:
    95      0665  1  !
    96      0666  1  !     This routine adds a couple of parameters then calls EDT$$TI_RDCMDLN .
    97      0667  1  !
    98      0668  1  ! FORMAL PARAMETERS:
    99      0669  1  !
   100      0670  1  ! C                       Parameter to EDT$$TI_RDCMDLN
   101      0671  1  !
   102      0672  1  ! TERM                    Parameter to EDT$$TI_RDCMDLN
   103      0673  1  !
   104      0674  1  ! RES_TERM                Parameter from EDT$$TI_RDCMDLN
   105      0675  1  !
   106      0676  1  ! IMPLICIT INPUTS:
   107      0677  1  !
   108      0678  1  !     EDT$$A_CMD_BUF
   109      0679  1  !
   110      0680  1  ! IMPLICIT OUTPUTS:
   111      0681  1  !
   112      0682  1  !     NONE
   113      0683  1  !
   114      0684  1  ! ROUTINE VALUE:
   115      0685  1  !
   116      0686  1  !     Same as EDT$$TI_RDCMDLN
   117      0687  1  !
   118      0688  1  ! SIDE EFFECTS:
   119      0689  1  !
   120      0690  1  !     NONE
   121      0691  1  !
   122      0692  1  !--
   123      0693  1
   124      0694  2     BEGIN
   125      0695  2
   126      0696  2     EXTERNAL ROUTINE
   127      0697  2         EDT$$TI_RDCMDLN;
   128      0698  2
   129      0699  2     EXTERNAL
   130      0700  2         EDT$$A_CMD_BUF;                                      ! Pointer to next char in command buffer
   131      0701  2
   132      0702  2     RETURN (EDT$$TI_RDCMDLN (.C, .EDT$$A_CMD_BUF, EDT$$A_CMD_BUF, .TERM, .RES_TERM));
   133      0703  1     END;                                                    ! of routine EDT$$KPAD_INP


                                                           .TITLE  EDT$KEYIMMINP EDT$KEYIMMINP - keypad input
                                                           .IDENT  \V04-000\

                                                           .EXTRN  EDT$$TI_RDCMDLN
                                                           .EXTRN  EDT$$A_CMD_BUF
```

```
                                                            .PSECT   _EDT$CODE,NOWRT,  SHR,  PIC,2

                                         0004 00000         .ENTRY   EDT$$KPAD_INP, Save R2               ; 0657
                     52 00000000G 00  9E 00002              MOVAB    EDT$$A_CMD_BUF, R2
                     7E          08  AC 7D 00009            MOVQ     TERM, -(SP)                          ; 0702
                                     52 DD 0000D            PUSHL    R2
                                     62 DD 0000F            PUSHL    EDT$$A_CMD_BUF
                             04  AC  DD 00011               PUSHL    C
              00000000G 00          05 FB 00014             CALLS    #5, EDT$$TI_RDCMDLN
                                     04 0001B               RET                                          ; 0703
```

; Routine Size: 28 bytes,   Routine Base: _EDT$CODE + 0000

```
;   134          0704 1
;   135          0705 1 !<BLF/PAGE>
```

```
; 137        0706 1 END
; 138        0707 1                                    ! of module EDT$KEYIMMINP
; 139        0708 0 ELUDOM
```

                                    PSECT SUMMARY

;
;
;   Name   Bytes   Attributes
;
; _EDT$CODE   28 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

                            Library Statistics

;
;
;   -------- Symbols --------   Pages   Processing
;   File   Total   Loaded   Percent   Mapped   Time
;
; _255DUA28:[EDT.SRC]EDT.L32;1   377   0   0   40   00:00.2
; _255DUA28:[EDT.SRC]PSECTS.L32;1   2   1   50   7   00:00.1

;   COMMAND QUALIFIERS

;   BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:KEYIMMINP/OBJ=OBJ$:KEYIMMINP MSRC$:KEYIMMINP.BLI/UPDATE=(ENH$:K
;   EYIMMINP)

; Size: 28 code + 0 data bytes
; Run Time: 00:08.9
; Elapsed Time: 00:11.2
; Lines/CPU Min: 4778
; Lexemes/CPU-Min: 12654
; Memory Used: 53 pages
; Compilation Complete
```

KEYPADDEF
LIS

LDIVISION
LIS

KEYDEFKEY
LIS

KEYFMTSTR
LIS

LDEFK
LIS

LFILL
LIS

KEYCHR
LIS

KEYIMMINP
LIS

LDELETE
LIS

KEYCOM
LIS

KEYPUTCHR
LIS

LCLEAR
LIS

LFCOUNT
LIS

KEYPAD
LIS

LDEFM
LIS

LFLNO
LIS

KEYTRNCHR
LIS